

# WETLAND DETERMINATION DATA FORM – Great Plains Region

Project/Site: Rory Flats Site City/County: Jay Sampling Date: 8/20/13  
 Applicant/Owner: DOE State: CO Sampling Point: WOMPOC-B (97)  
 Investigator(s): Leg Nicks Section, Township, Range: T2S, R70W, Sec. 13  
 Landform (hillslope, terrace, etc.): Shoal channel Local relief (concave, convex, none): Concave Slope (%): 1-2  
 Subregion (LRR): G Lat: 747268.1169 Long: 2089561.6092 Datum: NAD27  
 Soil Map Unit Name: NA-mitigated area NWI classification: NA  
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No      (If no, explain in Remarks.)  
 Are Vegetation     , Soil X, or Hydrology      significantly disturbed? Are "Normal Circumstances" present? Yes      No X  
 Are Vegetation     , Soil     , or Hydrology      naturally problematic? (If needed, explain any answers in Remarks.)

## SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>    </u> No <u>X</u>	Is the Sampled Area within a Wetland?	Yes <u>    </u> No <u>X</u>
Hydric Soil Present?	Yes <u>    </u> No <u>X</u>		
Wetland Hydrology Present?	Yes <u>X</u> No <u>    </u>		
Remarks: <u>Mitigation area. Flume installation + culvert replacement in 2011. Stranded recontoured at project completion. New normal circumstances.</u>			

## VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>    </u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Dominance Test worksheet:</b> Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)
1. <u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	
2. <u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	
3. <u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	
4. <u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	
<u>    </u> = Total Cover				<b>Prevalence Index worksheet:</b> Total % Cover of: <u>8.25</u> Multiply by: OBL species <u>8.25</u> x 1 = <u>8.25</u> FACW species <u>8.25</u> x 2 = <u>16.5</u> FAC species <u>0.25</u> x 3 = <u>0.75</u> FACU species <u>15.5</u> x 4 = <u>62</u> UPL species <u>    </u> x 5 = <u>    </u> Column Totals: <u>24</u> (A) <u>79.25</u> (B) Prevalence Index = B/A = <u>3.30</u>
<b>Sapling/Shrub Stratum (Plot size: <u>wetland</u>)</b> 1. <u>SAAM</u> <u>&lt;1</u> <u>Y</u> <u>FACW</u> 2. <u>AmFRI</u> <u>8</u> <u>Y</u> <u>FACW</u> 3. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 4. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 5. <u>    </u> <u>    </u> <u>    </u> <u>    </u> <u>8.25</u> = Total Cover				
<b>Herb Stratum (Plot size: <u>wetland</u>)</b> 1. <u>AGCAI</u> <u>15</u> <u>Y</u> <u>FACU</u> 2. <u>BRJAI</u> <u>&lt;1</u> <u>    </u> <u>FACU</u> 3. <u>AGSMI</u> <u>&lt;1</u> <u>    </u> <u>FACU</u> 4. <u>LASEI</u> <u>&lt;1</u> <u>    </u> <u>FAC</u> 5. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 6. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 7. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 8. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 9. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 10. <u>    </u> <u>    </u> <u>    </u> <u>    </u> <u>15.75</u> = Total Cover				
<b>Woody Vine Stratum (Plot size: <u>    </u>)</b> 1. <u>    </u> <u>    </u> <u>    </u> <u>    </u> 2. <u>    </u> <u>    </u> <u>    </u> <u>    </u> <u>    </u> = Total Cover				
% Bare Ground in Herb Stratum <u>0</u> <u>    </u> = Total Cover				
<b>Remarks:</b> <u>Area covered w/ TRM matting. &lt;1 = 0.25%</u>				





# Wetland Qualitative Revegetation Evaluation Form

Form # \_\_\_\_\_

Date 8/26/13

Observer(s) John Nels

Location ID WOMPOL-B (97)

Photographs taken today? Y ☒ N taken earlier

Are desired wetland plant species present? ☒ Y N

Are there any issues regarding the establishment of the desired wetland species? Explain, if so.

yes - area is very dry. May take several years to  
reestablish wetland veg. Most of what is going now  
is not wetland species

Are the hydrologic conditions appropriate for successful establishment and sustainability of the wetland. If not, describe the problem/issue.

Area is very dry.

## Woody Plant Counts

Species	Stem Count	Height			Width		
		1	2	3	1	2	3
AmFRI	40	3'	4'	3'	1'	1.5'	1'
SAAMI	2	1'	8"		1'	1'	

Noxious weed evaluation. See separate noxious weed evaluations conducted throughout the summer months (June – August).

Suggestions for management:

Control weeds as needed. Maybe reseed wetland species.

Other comments:

Area has a long way to go to become a wetland -  
or even to have much upland vegetation.

Completed by: Jay K. Nelson J. K. Nelson Date 8/20/13